2	(a)	a cylindrical frame made of ferromagnetic material;	
3	(b)	a sintered bearing fitted in and disposed within said frame	
4	concentrically at a fitted section of the frame, an outer diameter of the sintered bearing		
5	being larger than an inner diameter of the frame at the fitted section, the difference		
6	between the inner diameter of the frame at the fitted section and an outer diameter of the		
7	sintered bearing being between 0 μm and 20 μm ;		
8	(c)	a cylindrical magnet fixed on an outer wall of said sintered bearing at	
9	an inner wall of said magnet; and		
10	(d)	a cylindrical coil facing said magnet vla an annular space,	
11	wher	ein said frame and said sintered bearing are welded at the fitted section.	
1	9. (Ame	ended) An apparatus comprising:	
2	(a)	a housing; and	
3	(b)	a motor disposed in said housing, said motor including:	
4		(b-1) a cylindrical frame made of ferromagnetic material;	
5		(b-2) a pipe fitted in and disposed within said frame concentrically at a	
6	fitted section	of the frame, an outer diameter of the pipe being larger than an inner	
7	diameter of the frame at the fitted section, the difference between the inner diameter		
8	of the frame at the fitted section and the outer diameter of the pipe is between 0 μm		
9	and 20 μm;		
10		(b-3) a sintered bearing press-fitted into said pipe;	
11		(b-4) a cylindrical magnet fixed on an outer wall of said pipe at an	
12	inner wall of said magnet; and		
13		(b-5) a cylindrical coil facing said magnet via an annular space,	
14	where	ein sald frame and said pipe are welded at the fitted section.	
1	13. (Ame	inded) An apparatus comprising:	
2	(a)	a housing;	
3	(b)	a motor disposed in said housing, said motor including:	

4	(b-1) a cylindrical frame made of ferromagnetic material;
5	(b-2) a sintered bearing fitted in and disposed within said frame
6	concentrically at a fitted section of the frame, an outer diameter of the sintered
7	bearing being larger than an inner diameter of the frame at the fitted section, the
8	difference between the inner diameter of the frame at the fitted section and an outer
9	diameter of the sintered bearing being between 0 μm and 20 $\mu m;$
10	(b-3) a cylindrical magnet fixed on an outer wall of said sintered
11	bearing at an inner wall of said magnet; and
12	(b-4) a cylindrical coil facing said magnet via an annular space,
13	wherein said frame and said sintered bearing are welded at the fitted section.